Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
Data File : VY011604.D
Acq On : 28 Nov 2022 17:06
Operator : KP/MD
Sample : N5795-04RE
Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

Quant Time: Nov 29 00:26:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	62430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49222	77.648	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.300%			
35) Dibromofluoromethane	7.716	113	42325	60.196	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.400%			
50) Toluene-d8	10.179	98	142365	55.719	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.440%			
62) 4-Bromofluorobenzene	12.483	95	44873	47.500	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.000%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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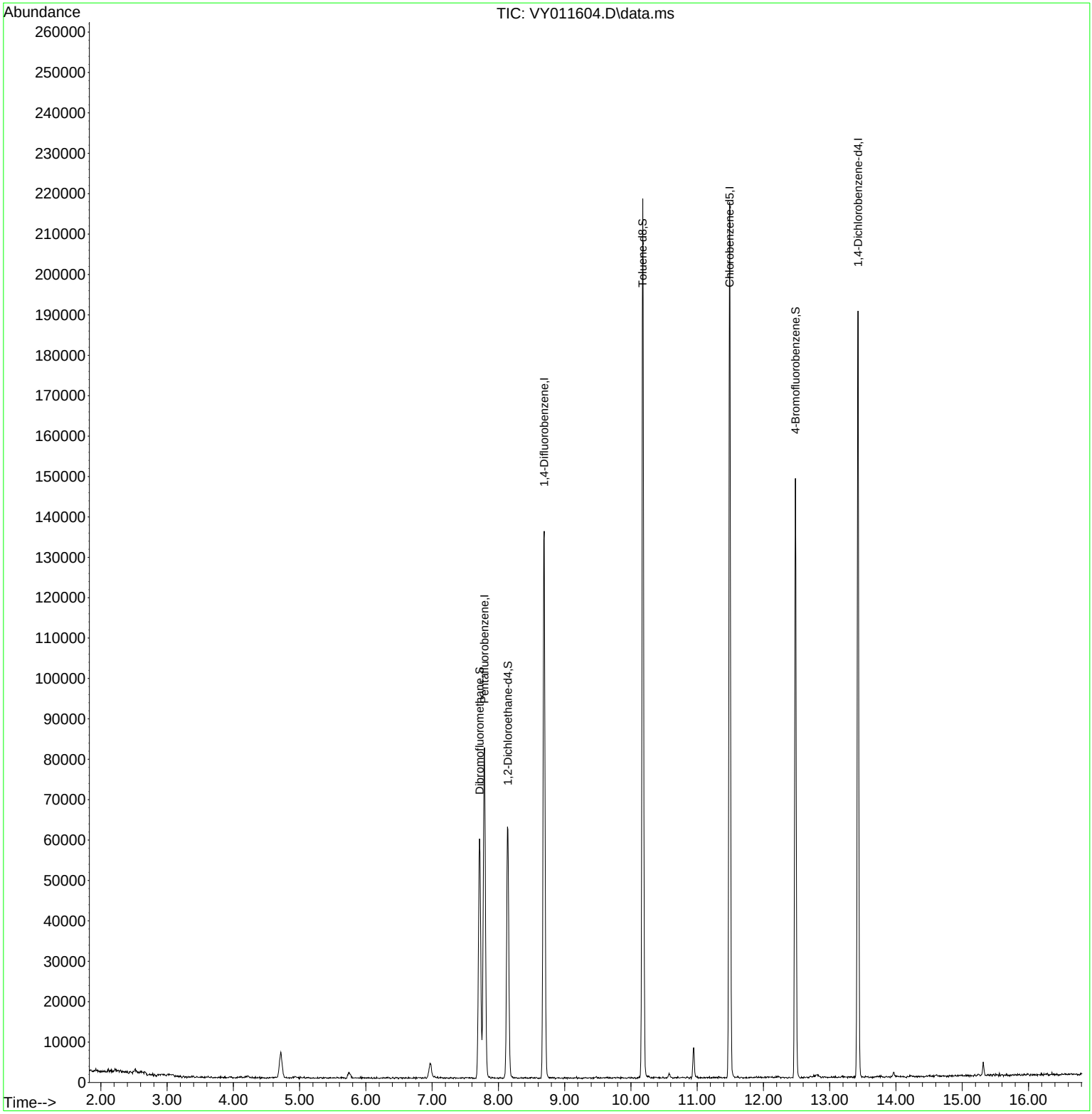
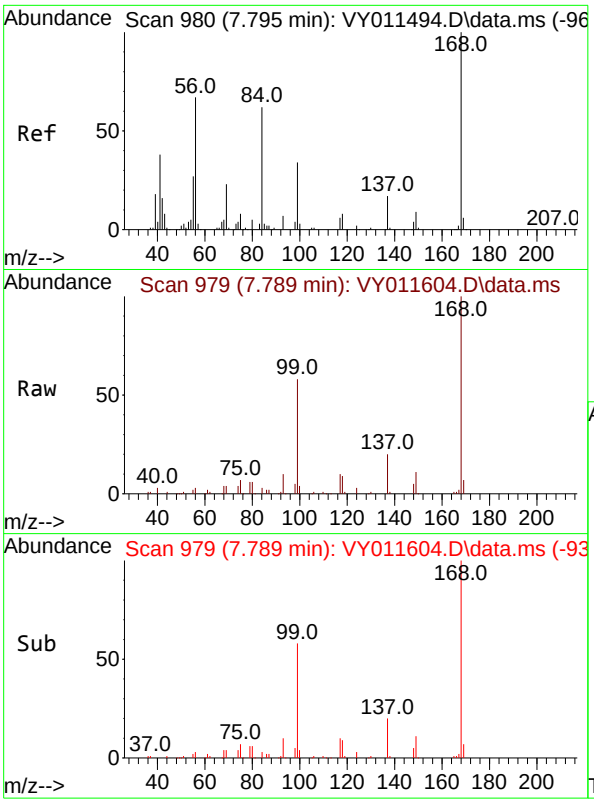


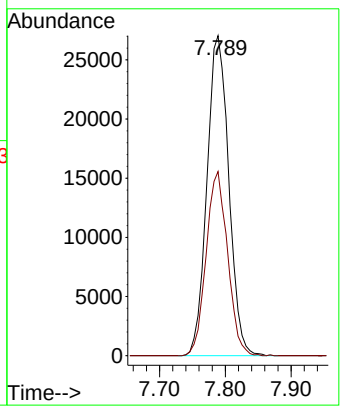


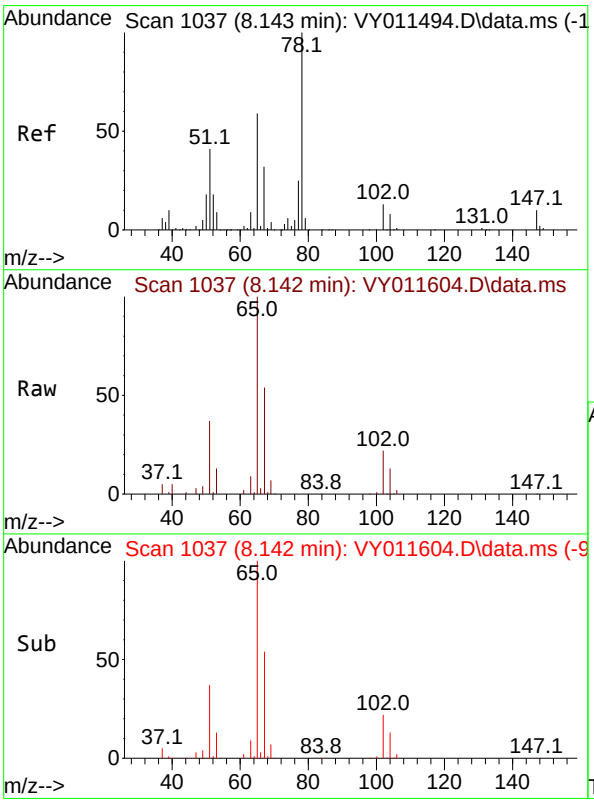
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

Tgt Ion:168 Resp: 62430

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.9	70.3

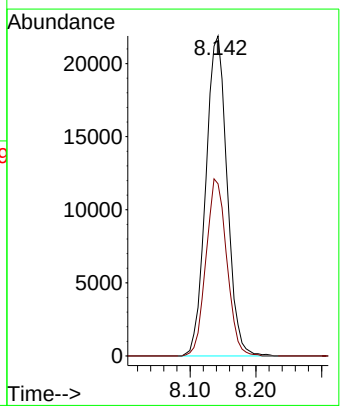


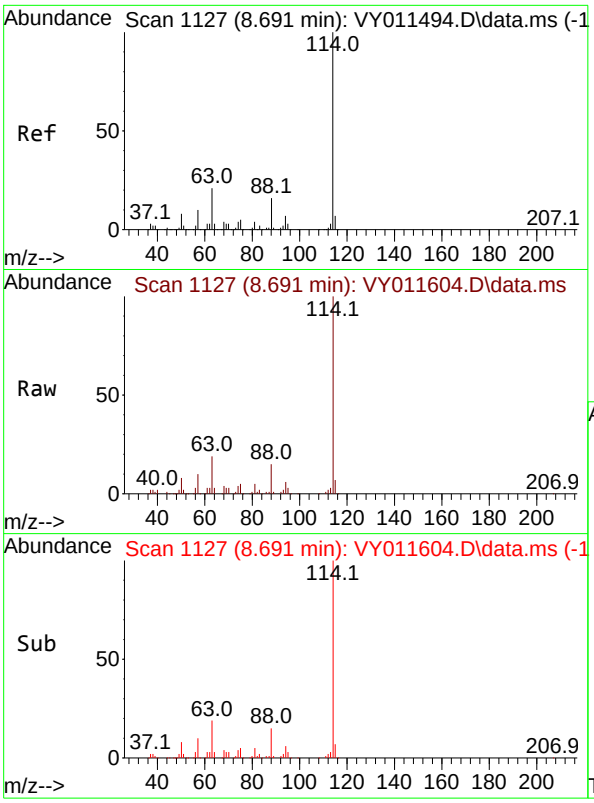


#33
1,2-Dichloroethane-d4
Concen: 77.648 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 65 Resp: 49222

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	99.4



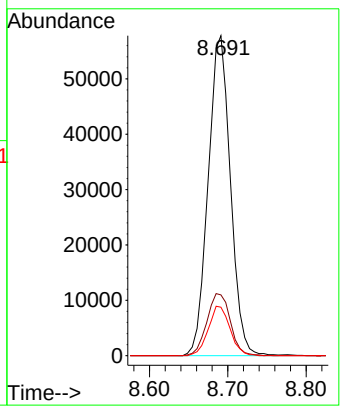


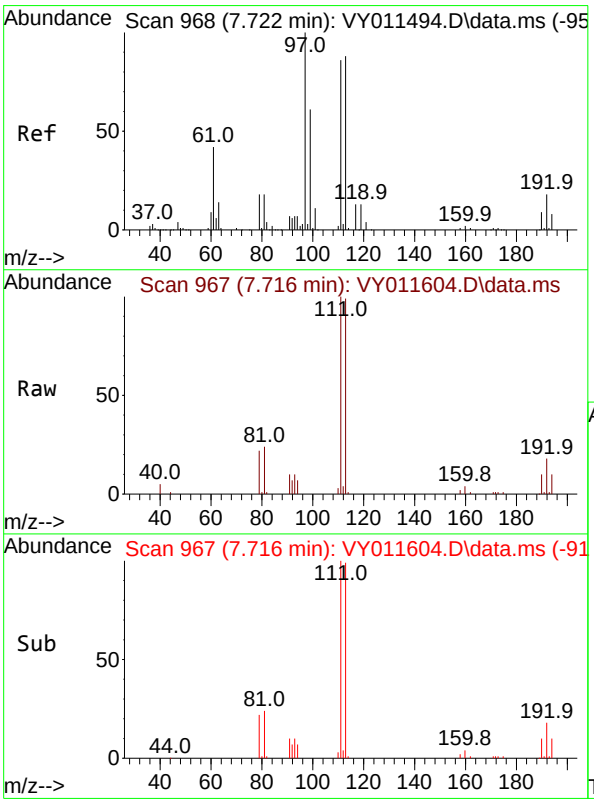
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

Tgt Ion:114 Resp: 114218

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	15.1	0.0	31.8

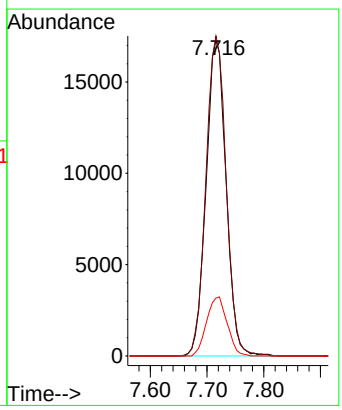


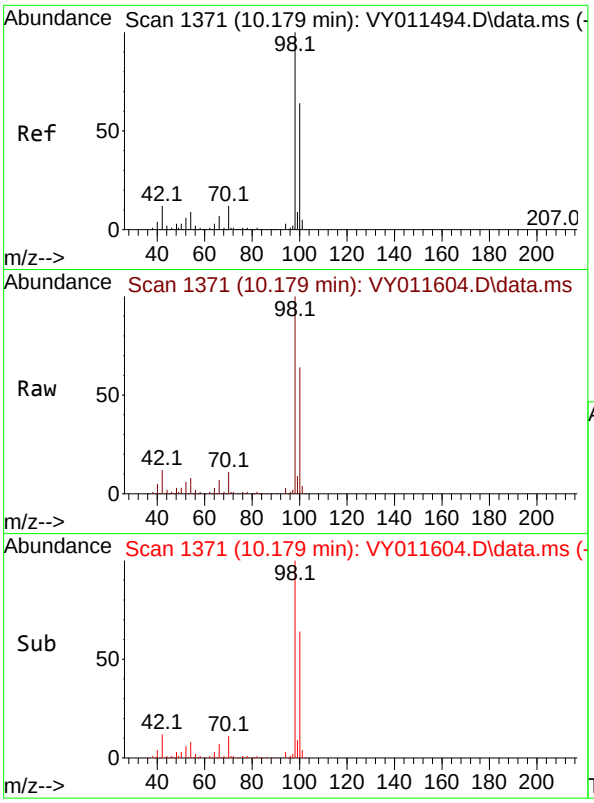


#35
Dibromofluoromethane
Concen: 60.196 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion:113 Resp: 42325

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	19.2	17.6	26.4



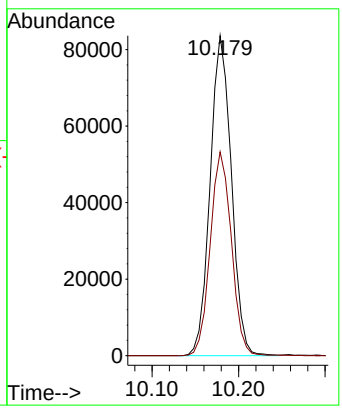


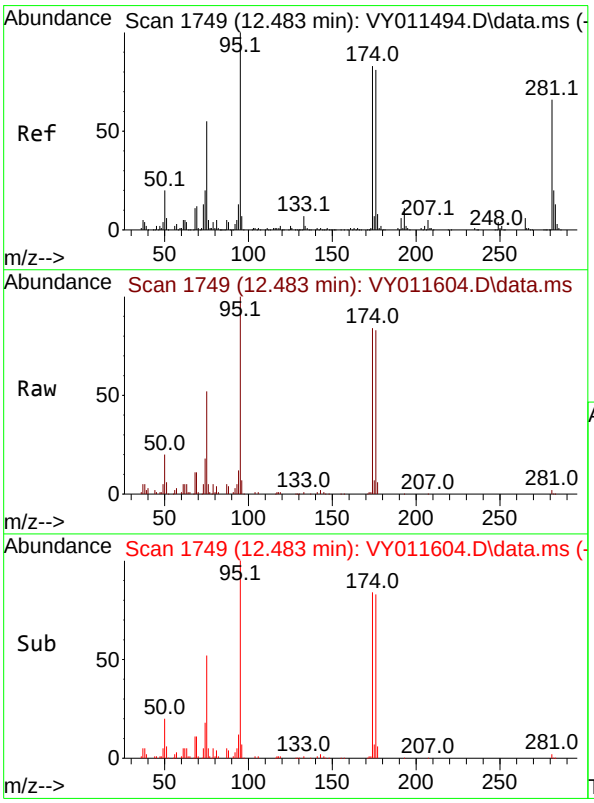
#50
Toluene-d8
Concen: 55.719 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

Tgt Ion: 98 Resp: 142365

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.2	75.2

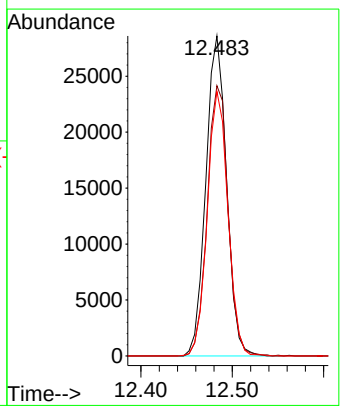


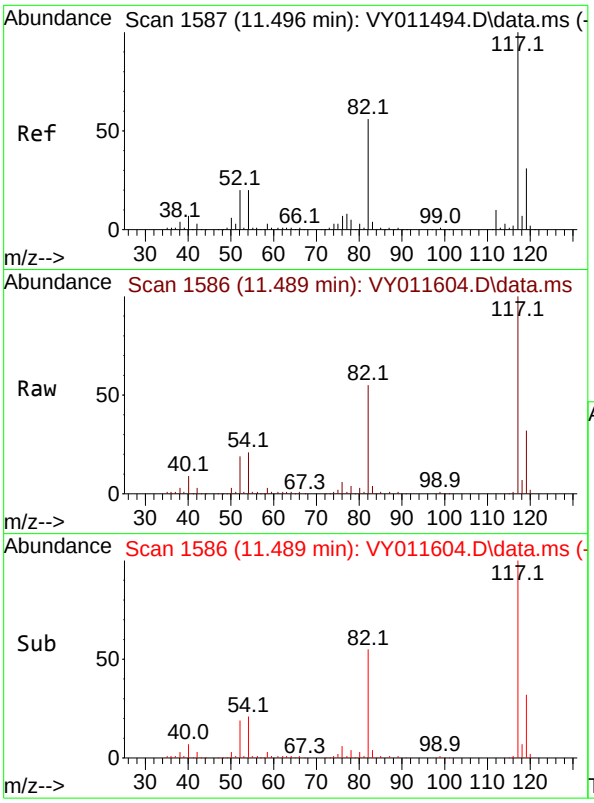


#62
4-Bromofluorobenzene
Concen: 47.500 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 95 Resp: 44873

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	177.0
176	82.5	0.0	175.8



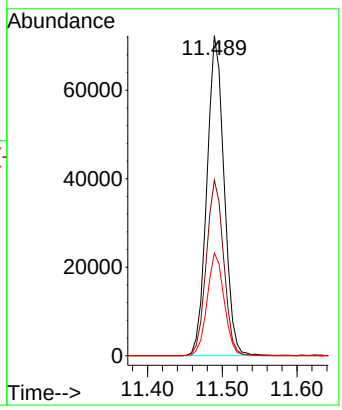


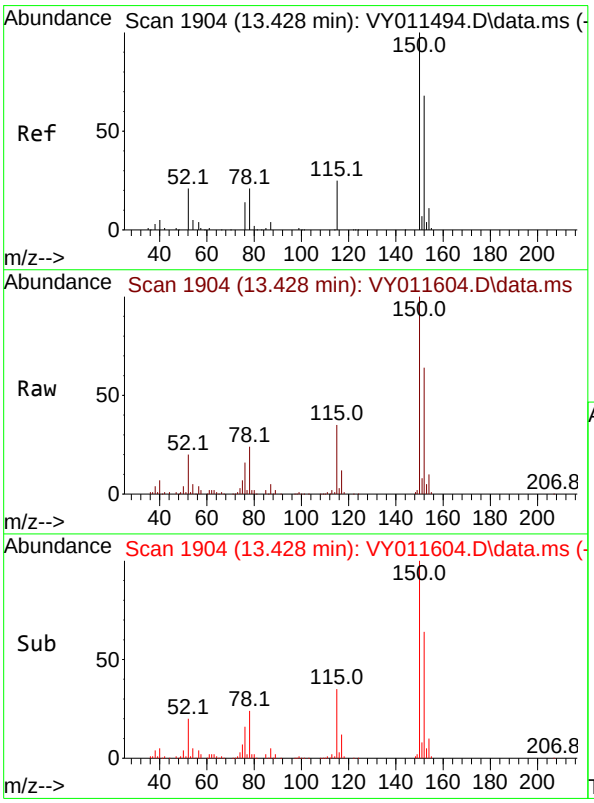
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

Tgt Ion:117 Resp: 115567

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	32.0	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion:152 Resp: 47357

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	159.0	0.0	347.6